Precision Strike Association
Summer PEO Forum

Precision Strike Capabilities for the Future Battlefields

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NAVAIR

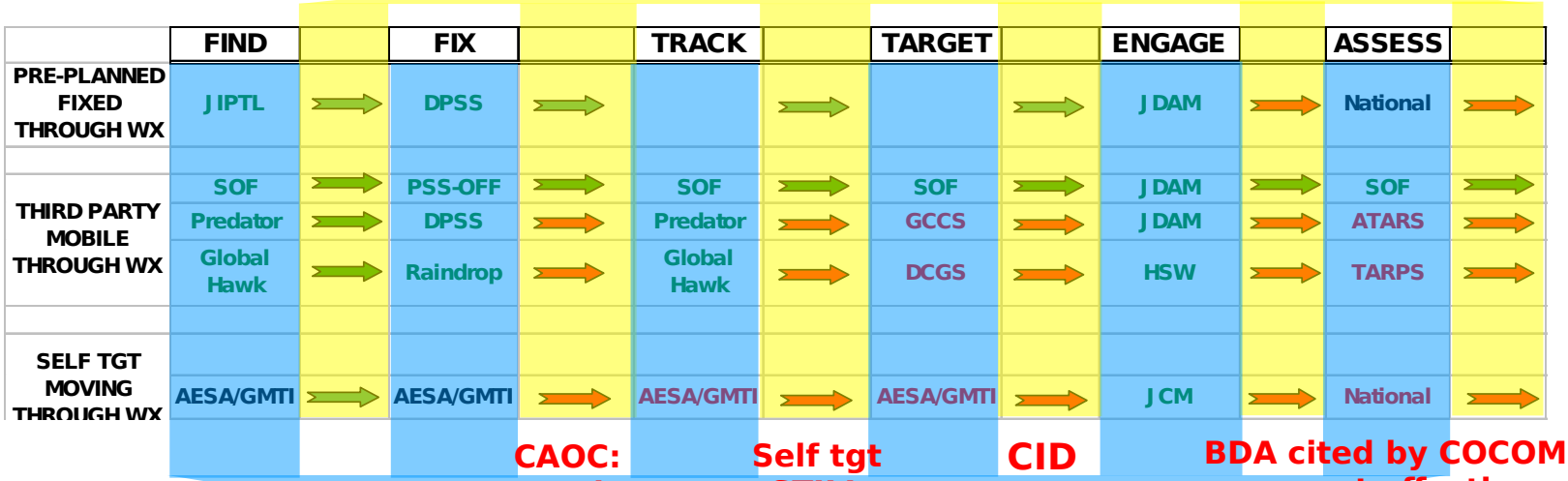
Battlefield of the Future has Expanded

- Transitioning from the “Cold War” Mentality
- Future Threats and Battlefields Include:
  - Littoral Areas
  - “Asymmetric” Threats
  - Global War on Terrorism (GWOT)
  - Time Sensitive Targeting (TST)
- Requires Flexible Solutions:
  - Precision Guidance
  - Small Warheads – Low Collateral Damage
  - Persistent Intel / Surveillance / Reconnaissance (ISR)

“Don’t Fight the Next War Like You Fought the Last One”

The Kill Chain is Essential to Mission Success

THIS IS FORCENET



CAOC: Bugsplat CID Clearance to Engage

Self tgt STILL involves CAOC analysis / clearance to fire

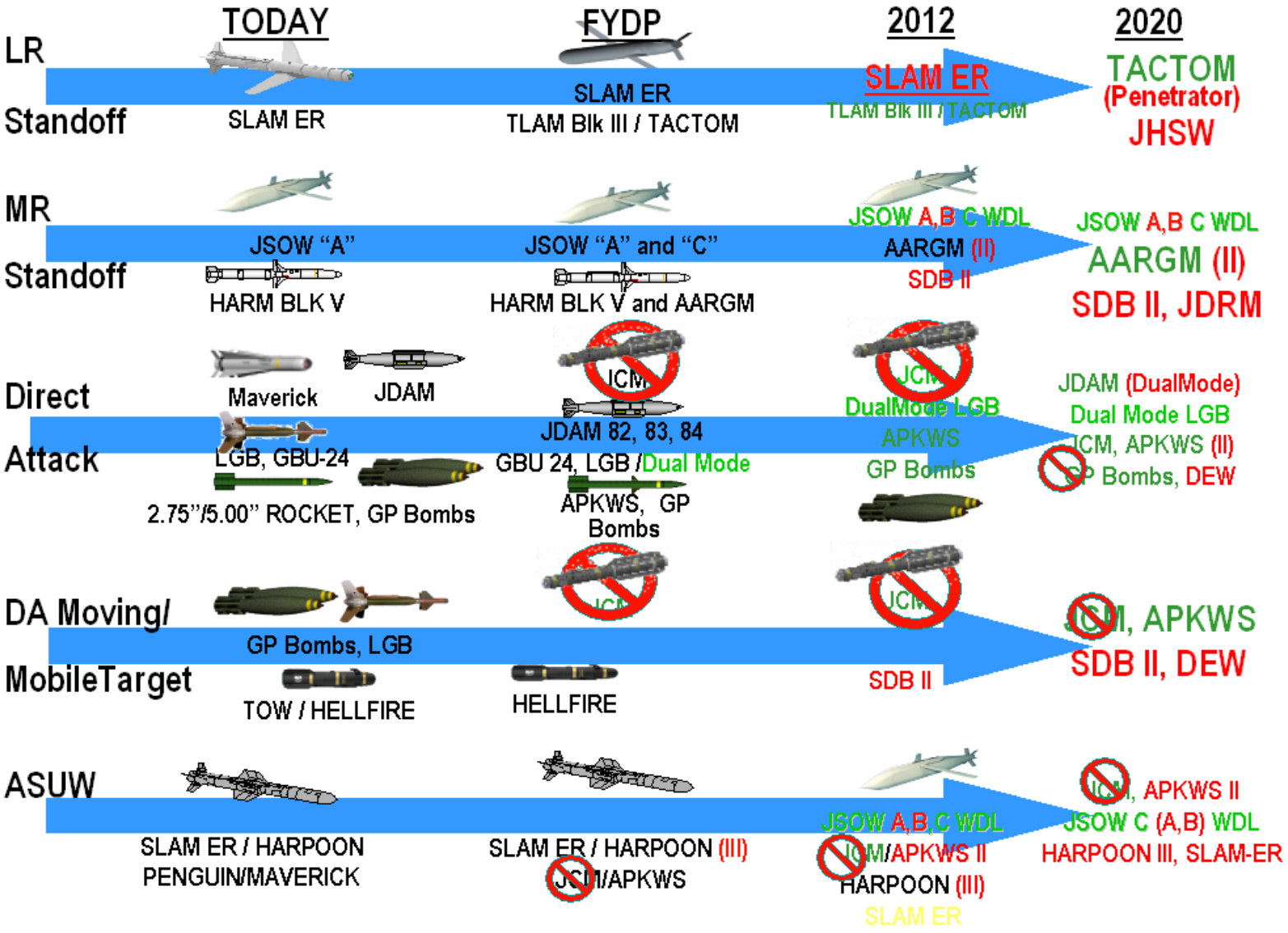
CID Chain of custody

BDA cited by COCOMS as not effective during OIF/OEF Information was collected but CAOC was not capable of analyzing 700 combat sorties / day

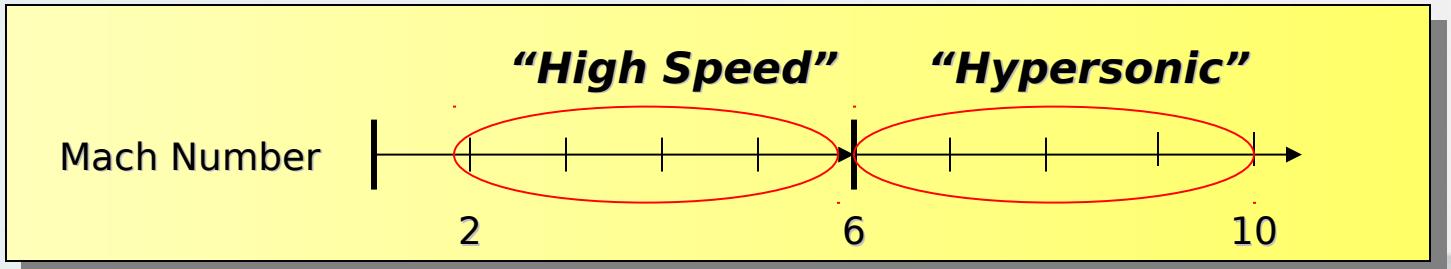
THESE ARE PROGRAMS

FORCENET Is the Enabler That Links the Kill Chain

Potential Weapons Investment Strategy



Global Strike Weapon
(High Speed Weapon)



- **Target Set**
- **Launch Platform**
- **P_K**
- **C4ISR ConOps**
- **Cost Analysis**
- **TRL Assessment**

What it is:

A Weapon SYSTEM, NOT just a speed/propulsion…

Potential missions/targets:

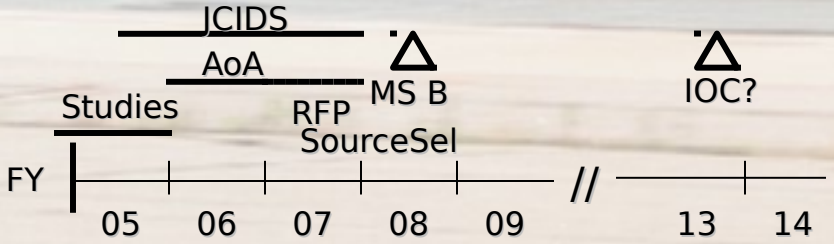
TCS, Relocatable Targets, Fixed Targets, Counter-WMD, GWOT, HDBT, SUW, …

Potential launch platforms:

TacAir, Surface Ships, Submarines, Bombers, …

JCIDS → AoA → JOINTNESS/Funding → ***Milestone B***

Notional Schedule



It all depends on… the CAPABILITIES Required

UAV Programs of Record

GLOBAL HAWK

Two Air Vehicles and Ground Systems Procured
Delivery in FY05 w/modified Sensors
Future: Development of Naval Doctrine

BAMS UAV

Full and Open Competition Effort
Future: Persistent Maritime and Littoral ISR

J-UCAS

DARPA Project: Penetrating ISR
Weaponized/Network Ready: Carrier Deployable
ture: Multi-service missions - Common Operating System

PIONEER

OIF Deployment – 900+ Hours Oct-Nov 04
Target Location, CID, and BDA
Future: New Payloads and Engine

UAV Programs of Record

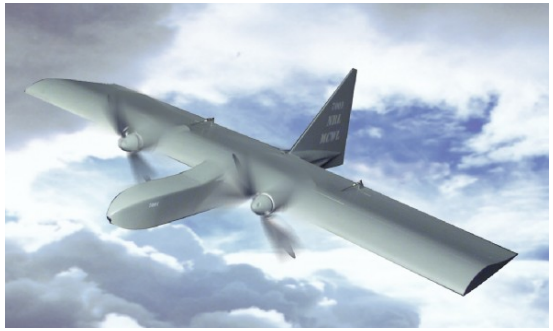
FIRE SCOUT

Flight Testing at Webster Field
Future: 4-bladed w/open systems architecture

EAGLE EYE

USCG Deepwater UAV – acquiring 69 aircraft
Starting in FY06 USMC Developing CONOPS for use with MV-22

DRAGON EYE



Successful Deployment in OIF
IDIQ Contract – Up to 1026 Units
FY04 – 41 units
FY05 – 45 units plus 40 attrition units
Future: Updated Payload and Propulsion

NEPTUNE

SOCOM Program: Land/Sea operations – pneumatic catapult launching system,water or skid landing
Interchangeable color TV or IR camera

In Summary …

- All Components of the Kill Chain Are Critical
- Flexibility Remains Key Element to Continued Success
- We Continue to Align for Joint Warfare -- Globally
- We Continue to Look for Efficiencies to Recapitalize

Warfighter